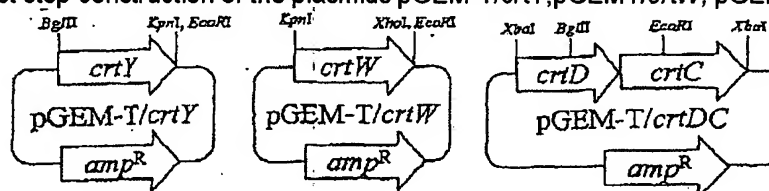


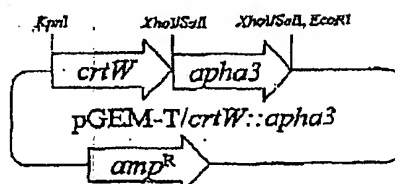
Figure 1

Construction of the plasmid pJQ200mp18/crtDC::crtY::crtW::apha3

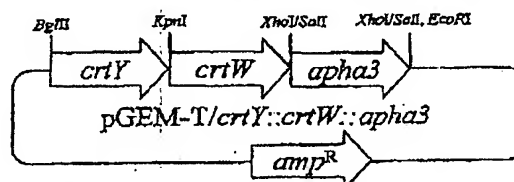
1st step construction of the plasmids pGEM-T/crtY, pGEM-T/crtW, pGEM-T/crtDC



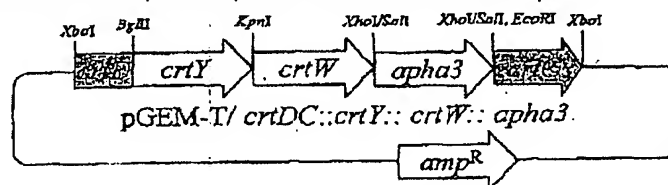
2nd step construction of pGEM-T/crtW::apha3



3rd step construction of the plasmid pGEM-T/crtY::crtW::apha3



4th step construction of the plasmid pGEM-T/crtDC::crtY::crtW::apha3



5th step construction of pJQ200mp18/crtDC::crtY::crtW::apha3

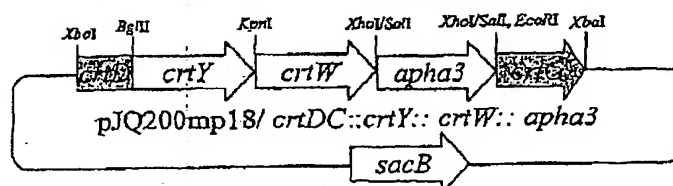
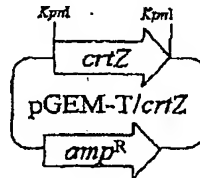


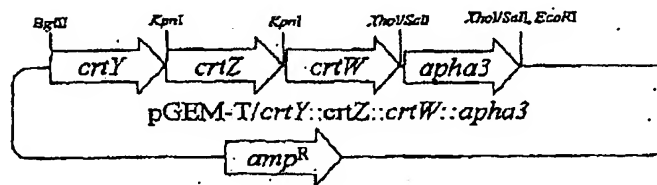
Figure 2

Construction of the plasmid pJQ200mp18/crtDC::crtY::crtZ::crtW::apha3

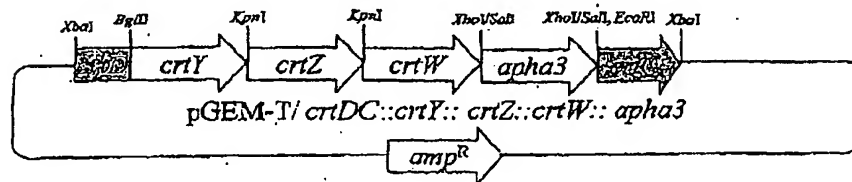
1st step construction of the plasmid pGEM-T/crtZ



2nd step construction of the plasmid pGEM-T/crtY::crtZ::crtW::apha3



3rd step construction of the plasmid pGEM-T/crtDC::crtY::crtZ::crtW::apha3



4th step construction of pJQ200mp18/crtDC::crtY::crtZ::crtW::apha3

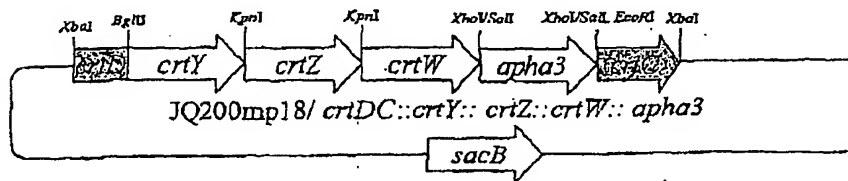


Figure 3

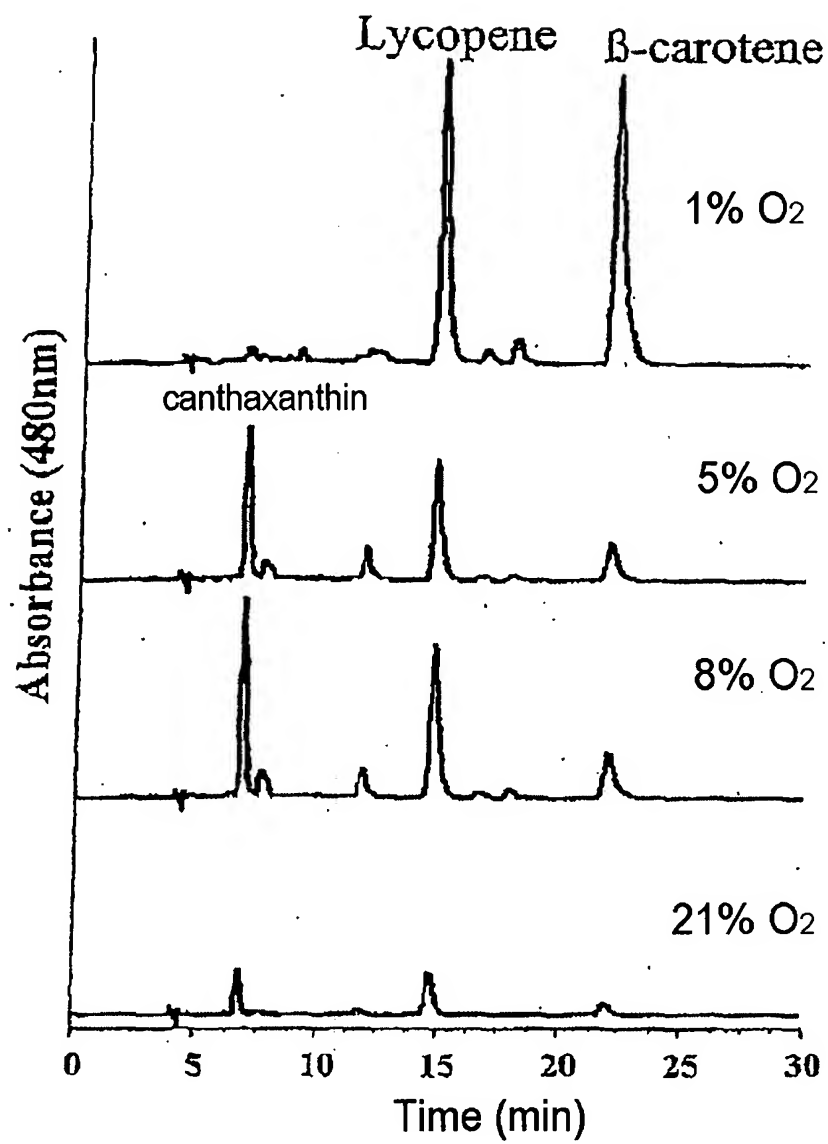


Figure 4